

FHP-2850

Air Cooled
Flush Mounted
Nema-12

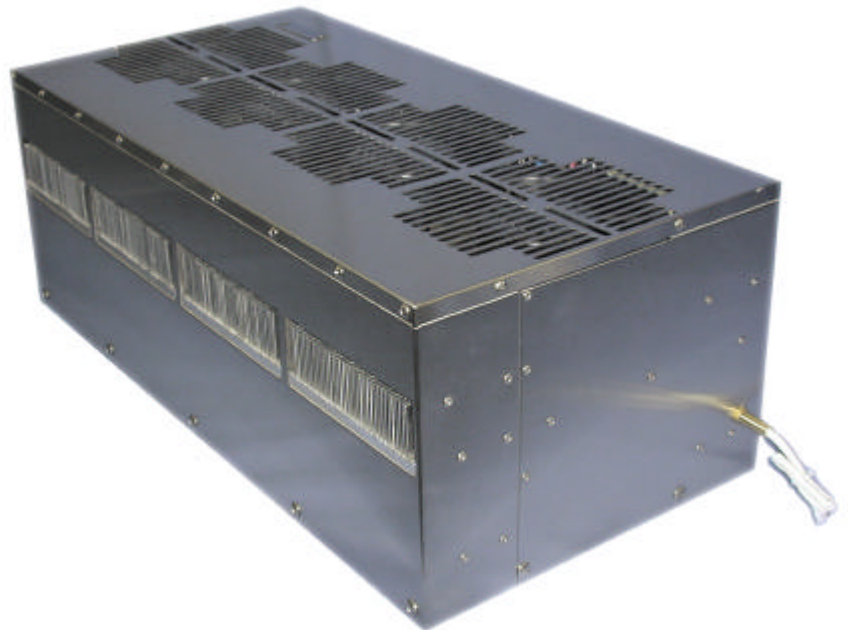
Solid-State Air Conditioner

FEATURES

- Externally mounted, no intrusion
- Ambient range -10°C to +70°C
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Mounts in any orientation
- No moving parts except fans
- Environmentally safe

INCLUDES

- Integral power supply
- Condensate removal system
- TC-6F thermostat
- Mounting hardware
- Gasket for NEMA-12 seal



APPLICATIONS

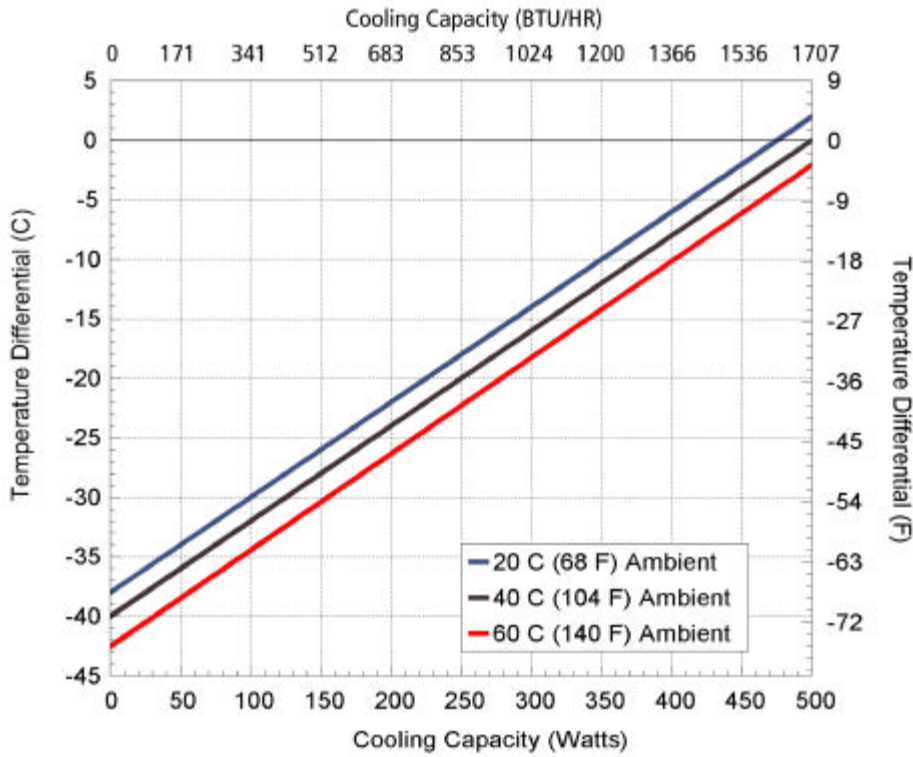
This unit has been employed for larger cooling loads such as overhead cranes in rolling mills and in mobile applications for military camera cooling.

SPECIFICATIONS

MODEL	PART NUMBER	NOTES	PERFORMANCE RATING BTU/HR	VOLTAGE VAC 50/60 HZ	CURRENT AMPS.	WEIGHT LBS. (kg)	TEMP. CONTROL *	CONDENSATE REMOVAL	OPERATING AMBIENT °C
FHP-2850	7-D580-0-000	Cool only	1600-1800	120	12.5	68(31)	TC-6F	Included	-10/+70
FHP-2850	7-D550-0-000	Cool only	1600-1800	120	12.5	68(31)	OPT*	Included	-10/+70
FHP-2852	7-D582-0-000	Cool only	1600-1800	240	7.5	68(31)	TC-6F	Included	-10/+70
FHP-2852	7-D552-0-000	Cool only	1600-1800	240	7.5	68(31)	OPT*	Included	-10/+70

*OPT; Unit is set up for TC-3300 Controller (or similar)

PERFORMANCE CURVE



Equation of line: $y = \Delta T(^{\circ}C)$ $x = \text{Capacity (Watts)}$			
Ambient Temp	20°C	40°C	60°C
Enclosure Air	$y = .08x - 38.0$	$y = .08x - 40.0$	$y = .08x - 42.0$
Cold Sink	$y = .05x - 38.0$	$y = .05x - 40.0$	$y = .05x - 42.0$

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MOUNTING STYLE

Flush Mounted

ENVIRONMENTS

Nema-12 IP 40 (maintains IP 52)

RATING (TRADITIONAL)

1700 BTU/hr @ 0 °F ΔT

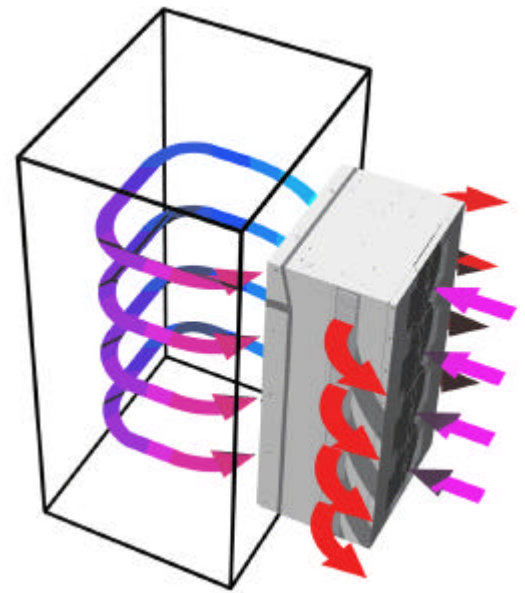
2200 BTU/hr @ +20 °F ΔT *

RATING (DIN 3168)

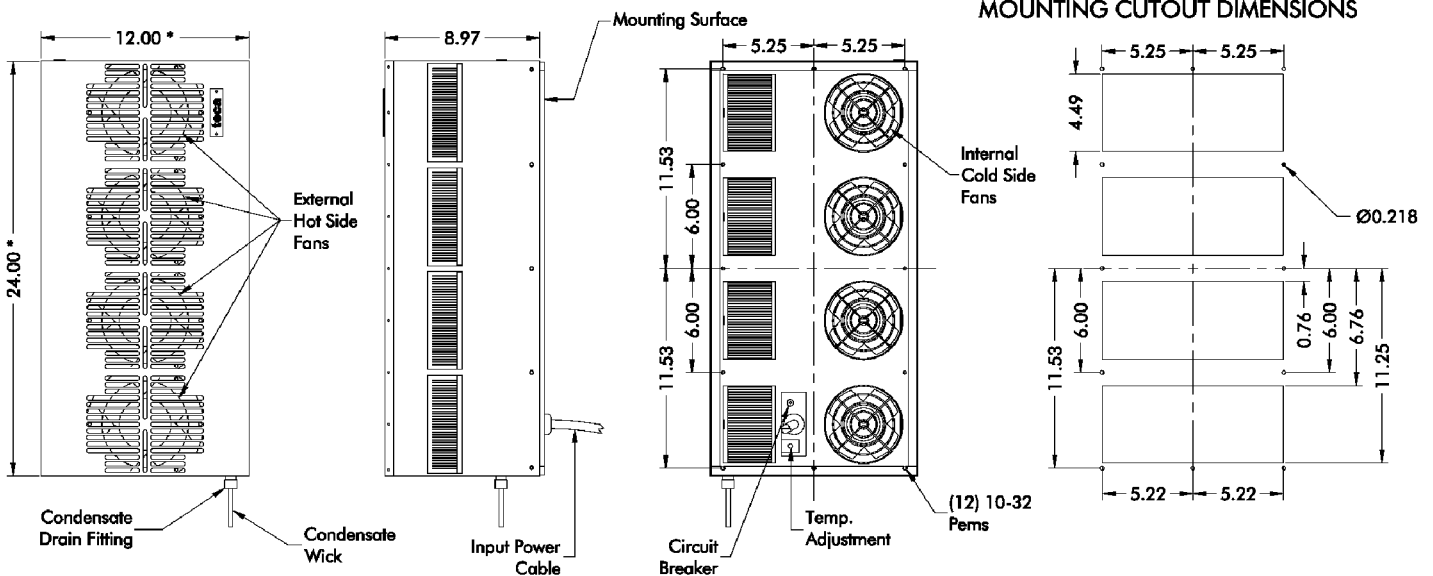
500 Watts L35 L35

325 Watts L35 L50

* See page 6



DIMENSIONS



* Dimension does not include hardware. Dimensions: inches. Mounting hardware and gasket included but not shown.